

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("6678207").PN.	USPAT; USOCR	OR	OFF	2007/02/07 14:55
S6	153	(367/24).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/31 15:58
S7	845	(181/121,120,119,118,).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/31 15:57
S8	1309	(181/121,120,119,118,110,108,112,111,115).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/31 15:58
S9	455	(367/15,21).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/31 15:58
S10	18	("2069242"   "3039559"   "3176787"   "3444953"   "3588801"   "3620327"   "3658005"   "3740708").PN. OR ("4153134").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/31 11:36
S11	18	("2069242"   "3039559"   "3176787"   "3444953"   "3588801"   "3620327"   "3658005"   "3740708").PN. OR ("4153134").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/31 11:43
S12	25	("3258738"   "3363118"   "3382841"   "3522862"   "3983425"   "4153134"   "4384351"   "4420826"   "4524693"   "4731764"   "4739859"   "4878207"   "4894811"   "4974216"   "5016228"   "5036945"   "5291461"   "5497357"   "5515343").PN. OR ("5894451").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/31 11:59

## EAST Search History

S13	619	Marine with Seismic with source	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/31 12:00
S14	1018	Marine with Seismic with source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 12:00
S15	196681	"low frequency"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 12:00
S16	650	"dipole source"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 12:00
S17	0	"out of phase"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 12:01
S18	142	S14 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 12:01
S19	2	S14 and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 12:01

## EAST Search History

S20	2	S14 and S16 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 12:27
S21	139	S14 and ghost	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 12:41
S22	0	statioinary same marine same seismic same source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 12:42
S23	32	stationary same marine same seismic same source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:42
S24	4	S23 and motion with sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:26
S25	1	("6091688").PN.	USPAT; USOCR	OR	OFF	2007/01/31 13:27
S26	1	("6091668").PN.	USPAT; USOCR	OR	OFF	2007/01/31 13:27
S27	7	("4686660"   "4715023"   "4716553"   "4721180"   "4956822"   "5469404").PN. OR ("6091668").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/31 13:27
S28	34	static same marine same seismic same source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:29

## EAST Search History

S29	816	strange.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:30
S30	19	strange.in. and ("181".clas. "367".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:30
S31	7	He.in. and ("181".clas. "367".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:30
S32	14	("3921755"   "4078223"   "4163206"   "4893290"   "5136549"   "5189642"   "5274603"   "5991238"   "6005828"   "6021092"   "6041282"   "6201764"   "6246637"   "6333898").PN. OR ("6607050").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/31 13:31
S33	34	static same marine same seismic same source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:43
S34	4	static same marine same seismic <u>same source and (motion acceleration displacement velocity pressure gradient)with sensor</u>	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:49
S35	36480	marine sensor seismic or acoustic motion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/31 14:19

## EAST Search History

S36	1079	geophone with hydrophone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/31 14:06
S38	3132	marine sensor seismic or acoustic motion inversion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/31 14:20
S39	401	marine seismic sensor invers\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/31 14:20
S40	36	marine seismic sensor invers\$3 "motion sensor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/31 14:20
S41	51	("3343626"   "3371310"   "3943484"   "3952281"   "4146871"   "4234938"   "4323876"   "4344158"   "4353121"   "4486865"   "4520467"   "4644507"   "4688198"   "4752916"   "4799201"   "4837723"   "4910716"   "4935903"   "4937794"   "4979150"   "4992992"   "4992995"   "5051960"   "5051961"   "5182729"   "5253217"   "5309360"   "5365492"   "5384752"   "5396472"   "5400299"   "5442591"   "5448531"   "5621700"   "5696734"   "5729506"   "5754492"   "5757723"   "5774416"   "5774417"   "5793702"   "5835451"   "5963507"   "5991238"   "5995905"   "6021090"   "6101448"   "6151275"   "6263285").PN. OR ("6678207").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/31 15:53
S42	1	("4935903").PN.	USPAT; USOCR	OR	OFF	2007/02/06 15:59

## EAST Search History

S43	1	("4644508").PN.	USPAT; USOCR	OR	OFF	2007/02/06 16:01
S44	1	("4937793").PN.	USPAT; USOCR	OR	OFF	2007/02/06 16:06
S45	1	("20030048696").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/06 16:07
S46	1	("6678207").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/06 16:07
S47	117	("1584613"   "2627930"   "2740945"   "2753948"   "2757356"   "2791757"   "2807793"   "2856594"   "2906992"   "3054085"   "3274542"   "3286227"   "3304364"   "3319734"   "3343626"   "3350683"   "3354860"   "3354984"   "3369216"   "3371311"   "3441902"   "3491848"   "3518677"   "3696329"   "3710006"   "3739328"   "3860899"   "3863201"   "3893065"   "3930254"   "3932835"   "3943484"   "3964424"   "3990039"   "4038630"   "4078223"   "4090168"   "4117447"   "4146871"   "4160229"   "4210897"   "4276620"   "4296481"   "4317185"   "4345473"   "4348749"   "4353121"   "4380059"   "4402069"   "4415997"   "4437175"   "4439497"   "4449208"   "4477887"   "4486865"   "4510588"   "4520467"   "4581724"   "4633449"   "4644507"   "4644508"   "4660183"   "4679179"   "4685090"   "4733378"   "4733379"   "4734891"   "4736345"   "4752916"   "4765436"   "4809243"   "4813028"   "4821241"   "4837751"   "H000387"   "Re23552").PN. OR ("4935903"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/06 16:24
S48	21	("3343626"   "3371310"   "3952281"   "3967233"   "4064479"   "4242740"   "4244037"   "4441174").PN. OR ("4644508"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/06 16:32

## EAST Search History

S49	123	("1584613"   "2627930"   "2740945"   "2753948"   "2757356"   "2791757"   "2807793"   "2856594"   "2882988"   "2906992"   "2923367"   "3054085"   "3274542"   "3281768"   "3286227"   "3290645"   "3299397"   "3304364"   "3319734"   "3343626"   "3350683"   "3354860"   "3354984"   "3369216"   "3371311"   "3409871"   "3441902"   "3491848"   "3518677"   "3696329"   "3710006"   "3739328"   "3860899"   "3863201"   "3866161"   "3893065"   "3930254"   "3932835"   "3943484"   "3964424"   "3979713"   "3990039"   "4038630"   "4078223"   "4090168"   "4117447"   "4134097"   "4146871"   "4160229"   "4210897"   "4276620"   "4296481"   "4317185"   "4345473"   "4348749"   "4353121"   "4380059"   "4402069"   "4415997"   "4437175"   "4439497"   "4449208"   "4477887"   "4486865"   "4510588"   "4520467"   "4581724"   "4633449"   "4644507"   "4644508"   "4660183"   "4679179"   "4685090"   "4733378"   "4733379"   "4734891"   "4736345"   "4752916"   "4765436"   "4794573"   "4809243"   "4813028"   "4821241"   "4837751"   "H000387"   "Re23552").PN. OR ("4937793").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/06 16:34
S50	69	(367/32).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/07 09:17
S51	85	seismic and dual near3 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/07 09:18
S52	0	"20020064092"	USPAT	OR	OFF	2007/02/07 10:20

## EAST Search History

S53	2	(("20020064092") or ("5828336")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/07 10:20
S54	144	seismic marine vibrator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/02/07 14:55
S55	186	seismic and reaction adj mass	USPAT	OR	OFF	2007/02/07 15:47
S56	0	seismic and reaction adj mass and amrine	USPAT	OR	OFF	2007/02/07 15:46
S57	37	seismic and reaction adj mass and marine	USPAT	OR	OFF	2007/02/07 15:46